

Why Is This Required?

Why is it important to assure that trench disposal sidewalls do not exceed 1.5:1 (horizontal:vertical)?

Requirement: The Wyoming Solid Waste Rules & Regulations (SWRR), Chapter 2, Requirements For Sanitary Landfills, Section 4(m), requires that landfill disposal trench side slopes do not exceed a ratio of 1.5:1 (horizontal:vertical) unless an analysis demonstrates that steeper side slopes can be safely constructed and maintained.

What's the problem? The photo below depicts trench side slopes that are steeper than a 1.5:1. Steeper trench sidewalls create the potential for someone to get injured either down inside the trench or by someone working on top of the trench falling into the trench caused by the collapse of a trench sidewall. There have been instances that have occurred at Wyoming landfills where people have been seriously injured caused by disposal trench sidewall collapse.



